

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-166-1
Relating to Certification of New Motor Vehicles

WESTERN R.V. CENTER

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Western R.V. Center exhaust emission control systems for 1978 model-year light-duty trucks are certified for the vehicles described below:

Engine Family: Toyota 20R (TC)

Engine: 133.6 CID

Transmission: 4-Speed Manual

Exhaust Emission Control Systems: Air Injection, Exhaust Gas
Recirculation, Oxidation Catalyst

Models, Transmissions and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
Toyota 20R (TC)	0.2	9	1.7

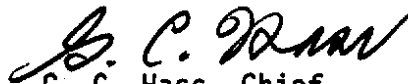
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 19 day of October, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Western R.V. Center Executive Order No. A-166-1 Page 1

Engine Family 20R (TC) Toyota Engine (CID) 133.6

ABBREVIATIONS

Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance
Control

FI-Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

RC-Reduction Catalyst

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst
(Feedback Control)

EGR Syst. Service

I-Inspect, repair/replace
as needed

R-Replace

Engine Code

CM=CT

Model

Texan 101, 102, 103
104, 105, 106, 107

Transmission

4M

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer Western R.V. Center Executive Order No. A-166-1 Page 2

Engine Family 20R (TC) Engine (CID) 133.6 Engine Code

Emission Control System AI, EGR, OC +10%(A/C) Yes ☐ No ☒

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
CM-CT	Texan 101, 102 103, 104, 105 106, 107	4M	3500	19100-38060	21100-38161	25620-38121	1) 8° BTDC @ Idle 2) Lean drop idle 3) 800 RPM <u>Lean drop method</u> Set to the following value at best idle 870M, 920A, RPM turn idle mixture adjusting screw until 800M, 850A

Comments: Yes models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue 10/17/78 Revisions:

See Toyota E.O. A-14-18 for revisions.